

AMENDMENTS TO CLAIMS

List of Claims

Claim 1 (Currently Amended): Component for a motor-vehicle lighting or signaling device, comprising a transparent material within which light-diffusion foci, including localized melting ~~local discontinuities~~ created using electromagnetic radiation on said material, and situated only at predetermined locations in order to diffuse the light emitted by a light source associated with the lighting or indicator device.

Claim 2 (Currently Amended): Component according to claim 1, wherein the ~~local discontinuities~~ localized melting of the transparent material ~~are~~ is created by irreversible modifications of the structure of individual volumes of the transparent material.

Claim 3 (Previously Presented): Component according to claim 2, wherein the irreversible modifications of the structure of the individual volumes of the transparent material are obtained by the focusing of the electromagnetic radiation.

Claim 4 (Original): Component according to claim 3, wherein the electromagnetic radiation is laser radiation.

Claim 5 (Original): Component according to claim 1, comprising motor-vehicle headlamp glazing.

Claim 6 (Original): Component according to claim 5, wherein the light-diffusion foci diffuse the light rays originating from the light source of the headlamp and incident on the component.

Claim 7 (Original): Component according to claim 5, wherein the light-diffusion foci diffuse the light rays originating from an auxiliary light source and propagating in the component by successive total reflections.

Claim 8 (Original): Component according to claim 1, comprising an insert disposed in a motor vehicle headlamp, the diffusion foci diffusing the light rays originating from an auxiliary light source.

Claim 9 (Previously Presented): Component according to claim 1, further comprising a converging lens and a reflector of a headlamp the reflector of which having an elliptical section.

Claim 10 (Original): Component according to claim 1, comprising an indicator strip light, the diffusion foci being distributed according to a predetermined pattern and diffusing the light rays emitted by at least one light source and propagating in the strip light by successive total reflections.

Attorney's Docket No. 1948-4767
Serial No. 10/033,082
Response to the final Office Action of July 30, 2003

Claim 11 (Original): Component according to claim 10, wherein the component is partially metallised.

Claim 12 (Original): Component according to claim 1, wherein the diffusion foci have a size of between 1 and 35 microns.

Claim 13 (Original): Component according to any one of claims 1 to 12, characterized in that the transparent material is plastic.

Claim 14 (Original): Component according to claim 1, wherein the transparent material is glass.

Claim 15 (Original): Motor-vehicle headlamp incorporating a component as claimed in claim 1 as glazing.

Claim 16 (Original): Motor-vehicle headlamp, incorporating a component as claimed in claim 8 as an insert.

Claim 17 (Original): Motor-vehicle headlamp, incorporating a component as claimed in claim 9 as a converging lens.

Claim 18 (Original): Indicator light for a motor-vehicle, incorporating a component as claimed in claim 1.

Claim 19 (Original): Component according claim 1, comprising a repeater light, adapted for repeating a lighting or indicator function, and wherein it is associated with a specific light source, the turning-on and the turning-off of which are controlled simultaneously with the turning-on and turning-off of the light source of the function of which the component constitutes the repeater.

Claim 20 (Original): Component according to claim 1, wherein the component itself constitutes a lighting device and is associated with a specific light source.

Claim 21 (New): Component for a motor-vehicle lighting or signaling device, comprising motor vehicle headlamp glazing and a transparent material within which light-diffusion foci, including local discontinuities created using electromagnetic radiation on said material, and situated only at predetermined locations in order to diffuse the light emitted by a light source associated with the lighting or indicator device,

wherein the light diffusion foci diffuse the light rays originating from an auxiliary light source and propagating in the component by successive total reflections.

Claim 22 (New): Component for a motor-vehicle lighting or signaling device,

comprising a transparent material within which light-diffusion foci, including local discontinuities created using electromagnetic radiation on said material, and situated only at predetermined locations in order to diffuse the light emitted by a light source associated with the lighting or indicator device and further comprising an insert disposed in a motor vehicle headlamp, the diffusion foci diffusing the light rays originating from an auxiliary light source.

Claim 23 (New): Component for a motor-vehicle lighting or signaling device, comprising a transparent material within which light-diffusion foci, including local discontinuities created using electromagnetic radiation on said material, and situated only at predetermined locations in order to diffuse the light emitted by a light source associated with the lighting or indicator device, and further comprising an indicator strip light, the diffusion foci being distributed according to a predetermined pattern and diffusing the light rays emitted by at least one light source and propagating in the strip light by successive total reflections, wherein the component is partially metallised.

Claim 24 (New): Component for a motor-vehicle lighting or signaling device, comprising a transparent material within which light-diffusion foci, including local discontinuities created using electromagnetic radiation on said material, and situated only at predetermined locations in order to diffuse the light emitted by a light source associated with the lighting or indicator device and further comprising a converging lens of a headlamp, the

reflector of which having an elliptical section, wherein a component is incorporated as a converging lens.

Claim 25 (New): Component for a motor-vehicle lighting or signaling device, comprising a transparent material within which light-diffusion foci, including local discontinuities created using electromagnetic radiation on said material, and situated only at predetermined locations in order to diffuse the light emitted by a light source associated with the lighting or indicator device and further comprising a repeater light, adapted for repeating a lighting or indicator function, and wherein it is associated with a specific light source, the turning-on and the turning-off of which are controlled simultaneously with the turning-on and turning-off of the light source of the function of which the component constitutes the repeater.